



Politherm & Luminal

First in every respect

When bpi.visqueen first introduced Politherm (180 micron) and Luminal (200 micron) it was the first time that long lasting condensation control, heat retention and superb mechanical properties had been combined in the same film.

Now, with over twenty years' experience in the use of these premium films throughout Europe, they have a deserved reputation for providing the environment for early yields of high quality crops.

These films contain additives designed to control the way in which water condenses on the film. Providing the film is installed correctly, water will condense on the film uniformly rather than as droplets.

This improves light transmission by up to 25% and reduces the risk of water droplets falling onto the plants below.

Reducing droplets avoids plant damage and can reduce the spread of fungal diseases such as botrytis cinerara and downy mildew and hence reduce the use of chemicals necessary to control these diseases.

The thermic properties of the films assist heat retention, helping to maintain overnight temperatures and reduce heating costs.

Politherm and Luminal are the first choice for plants that respond well to high direct light levels and warm temperatures such as early fruit, vegetable and salad crops.

	Politherm AF	Luminal
THICKNESS microns	180	200
LIGHT TRANSMISSION %	90	90
LIGHT DIFFUSION %	22	25
THERMIC EFFECT %	82	85
YIELD STRENGTH Mpa	7.5	7.5
FOLD IMPACT g	> 550	> 600

Getting light, right.



bpi.visqueen HORTICULTURAL PRODUCTS
PO Box 343, Yarm Road, Stockton-on-Tees, Cleveland TS18 3GE.
Tel: +44(0)1642 672288 Fax: +44(0)1642 664325
www.bpiagri.com

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